

Fig. 1

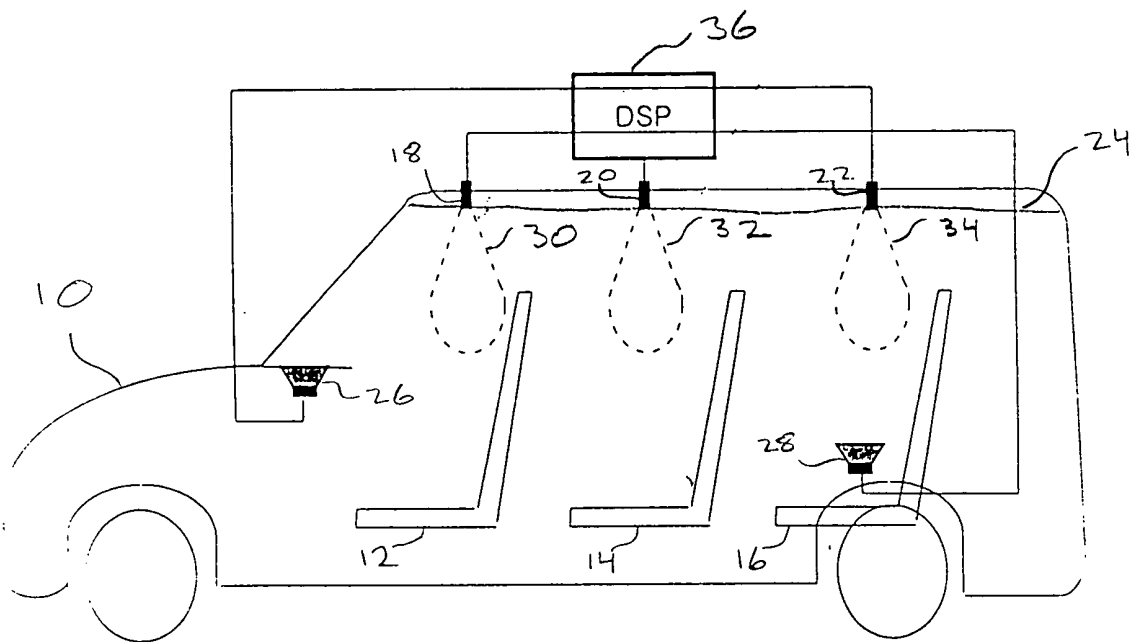


Fig. 2

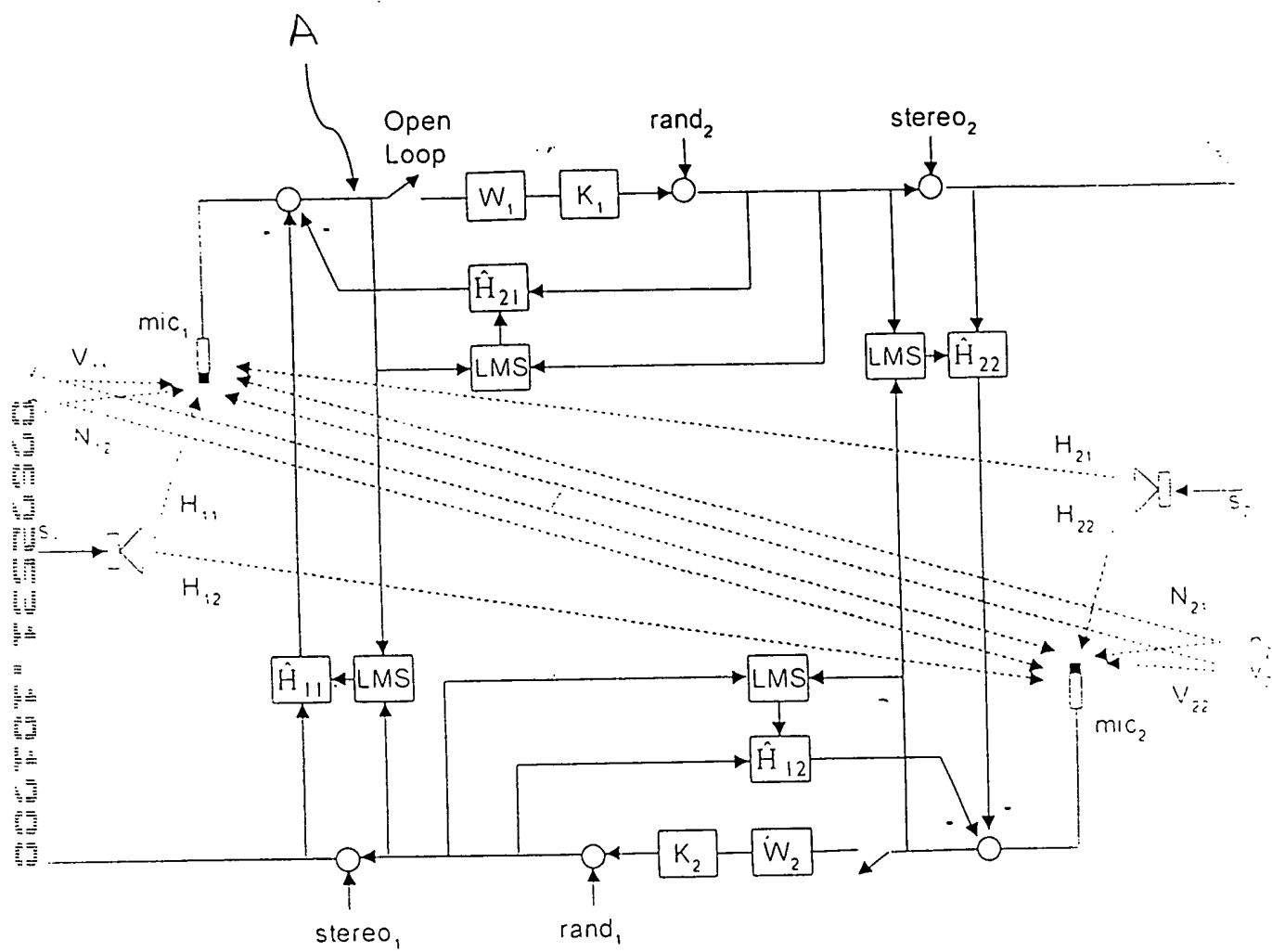


Fig. 3

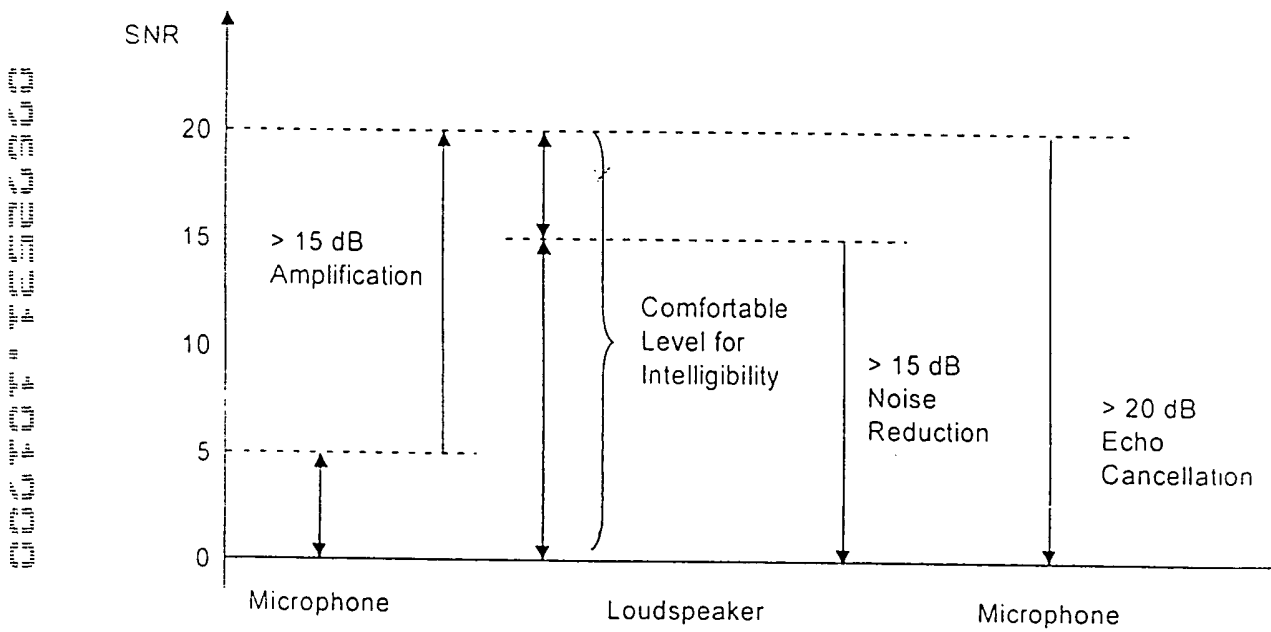


Fig. 4

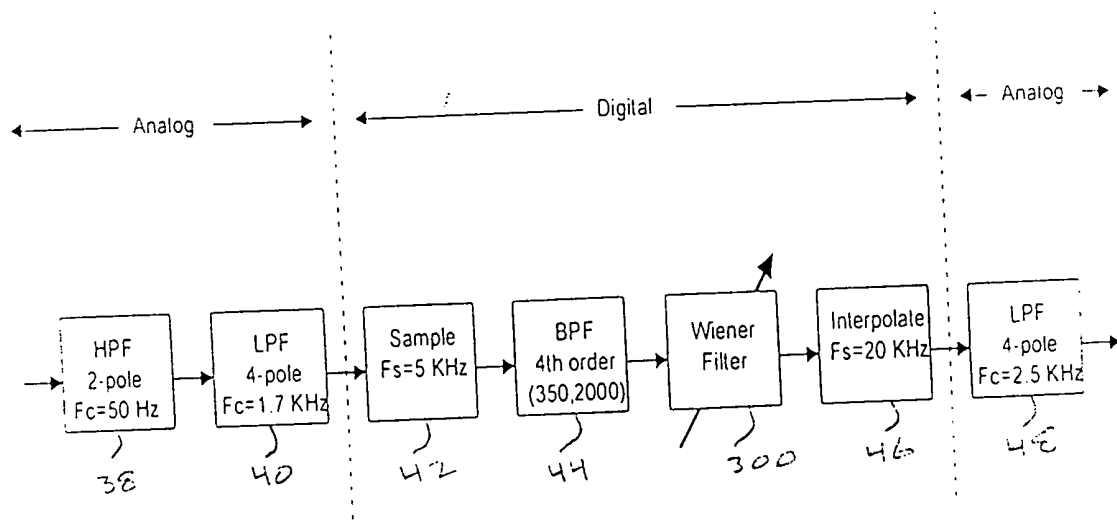


Fig. 5

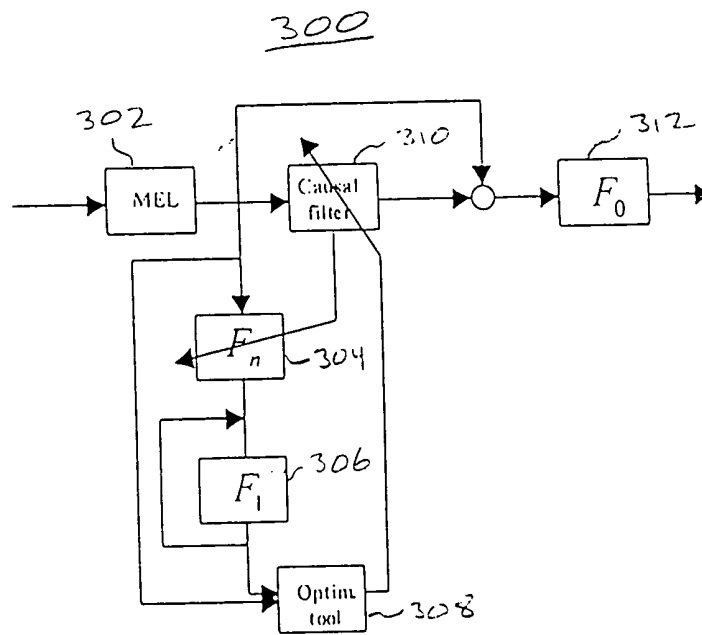


Fig. 6

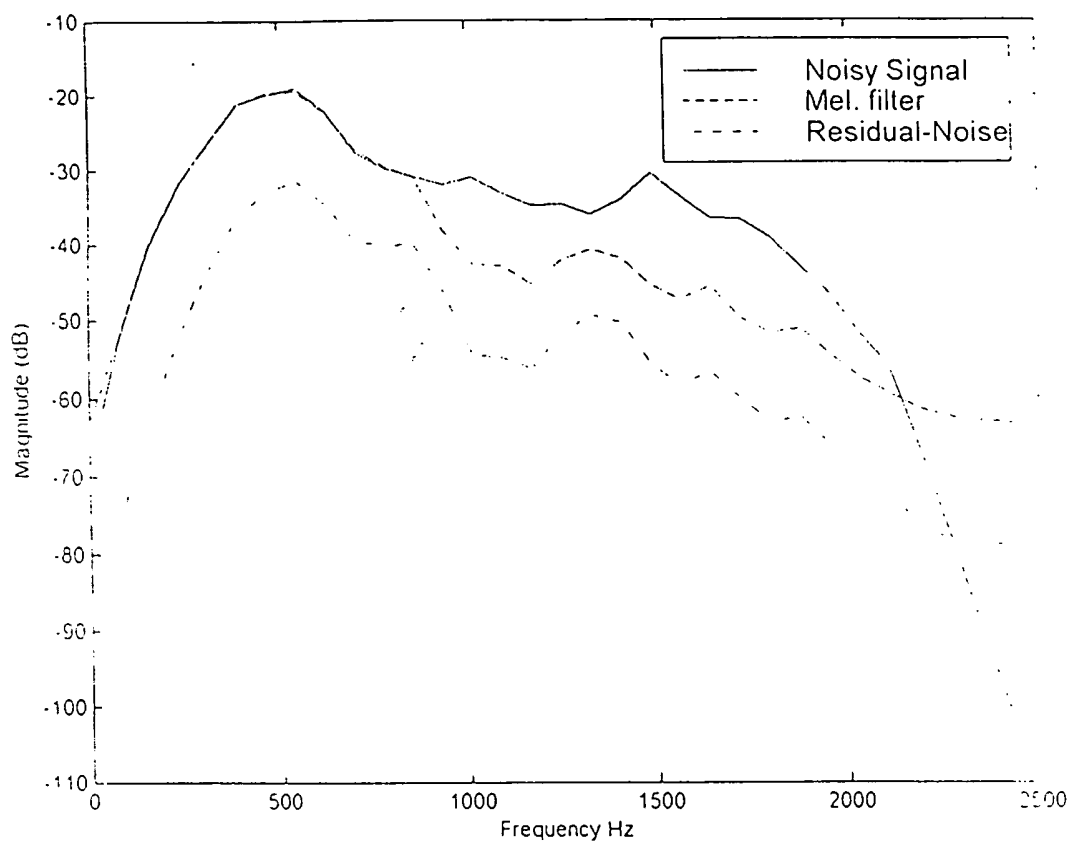


Fig. 7

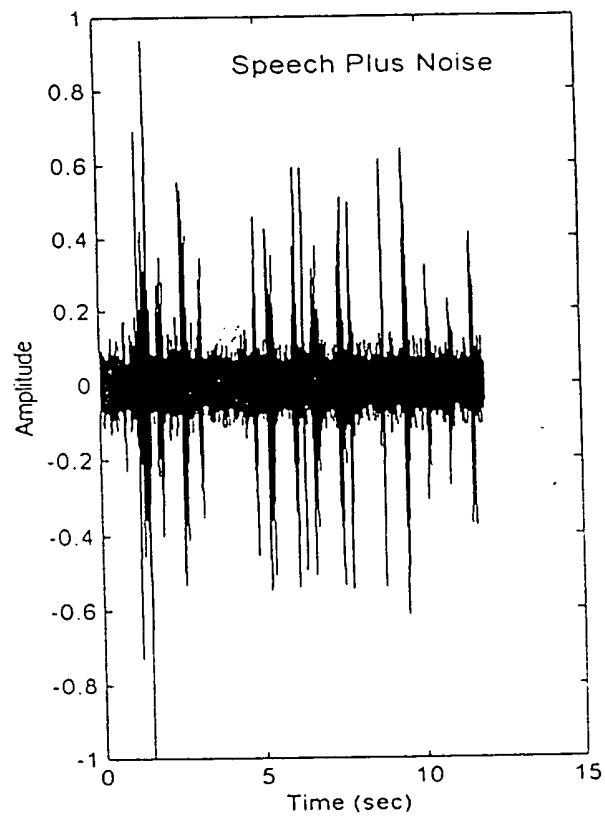


Fig. 8

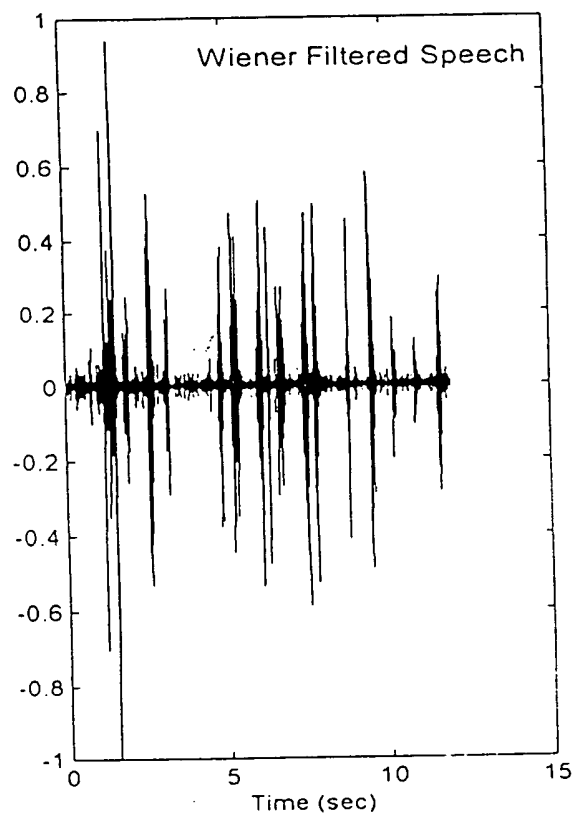


Fig. 9

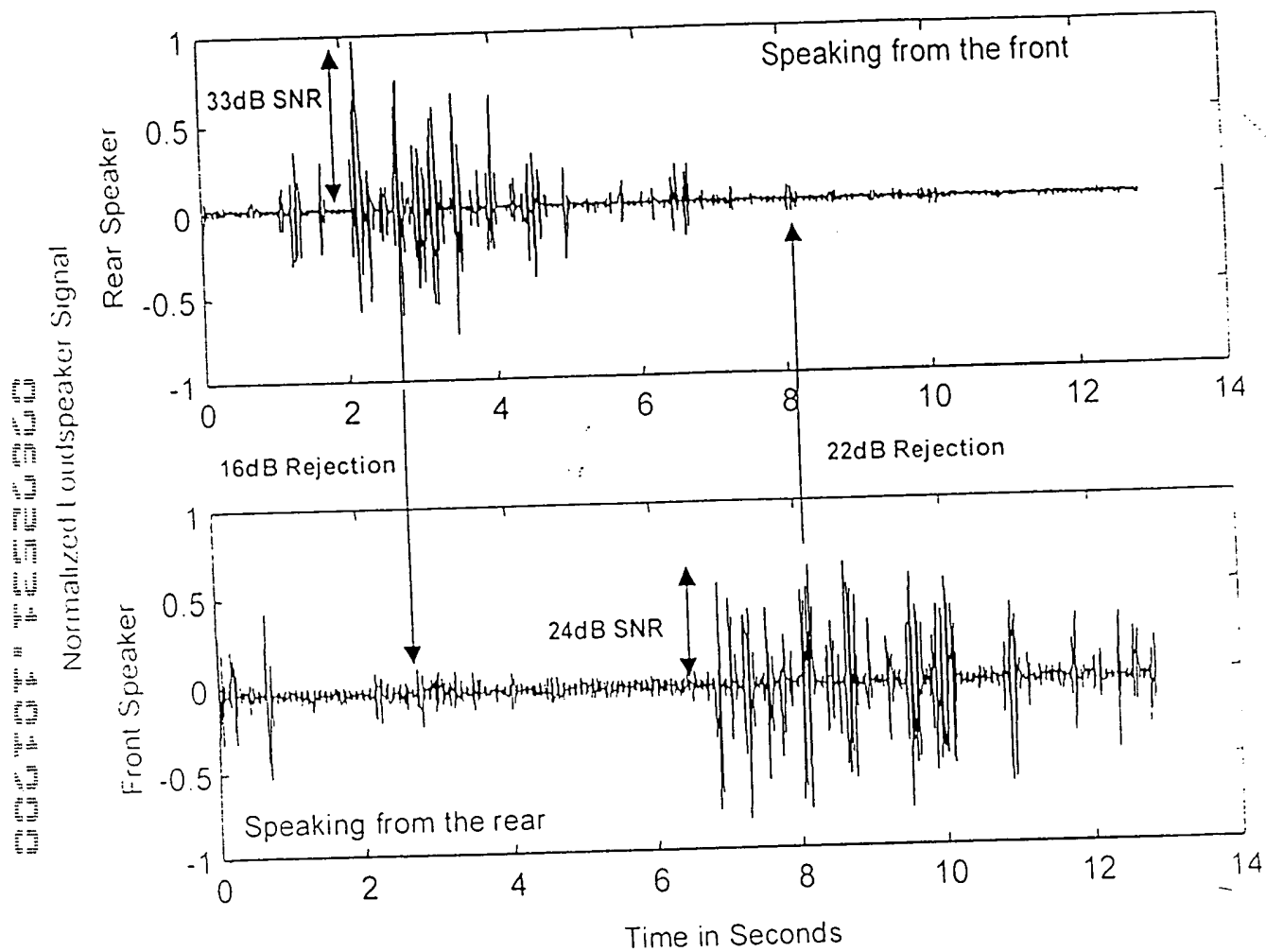


Fig. 10

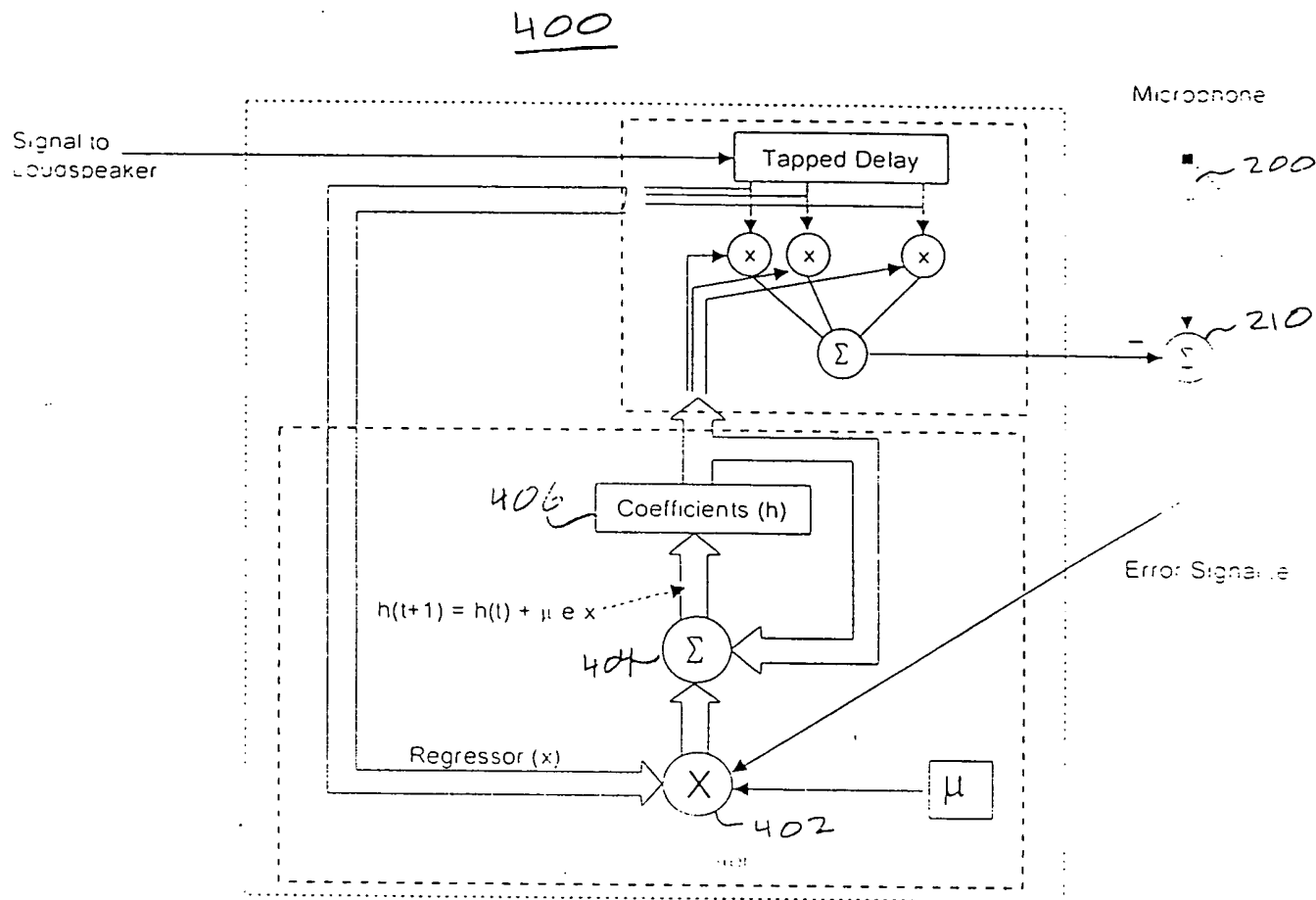


Fig. 11

500

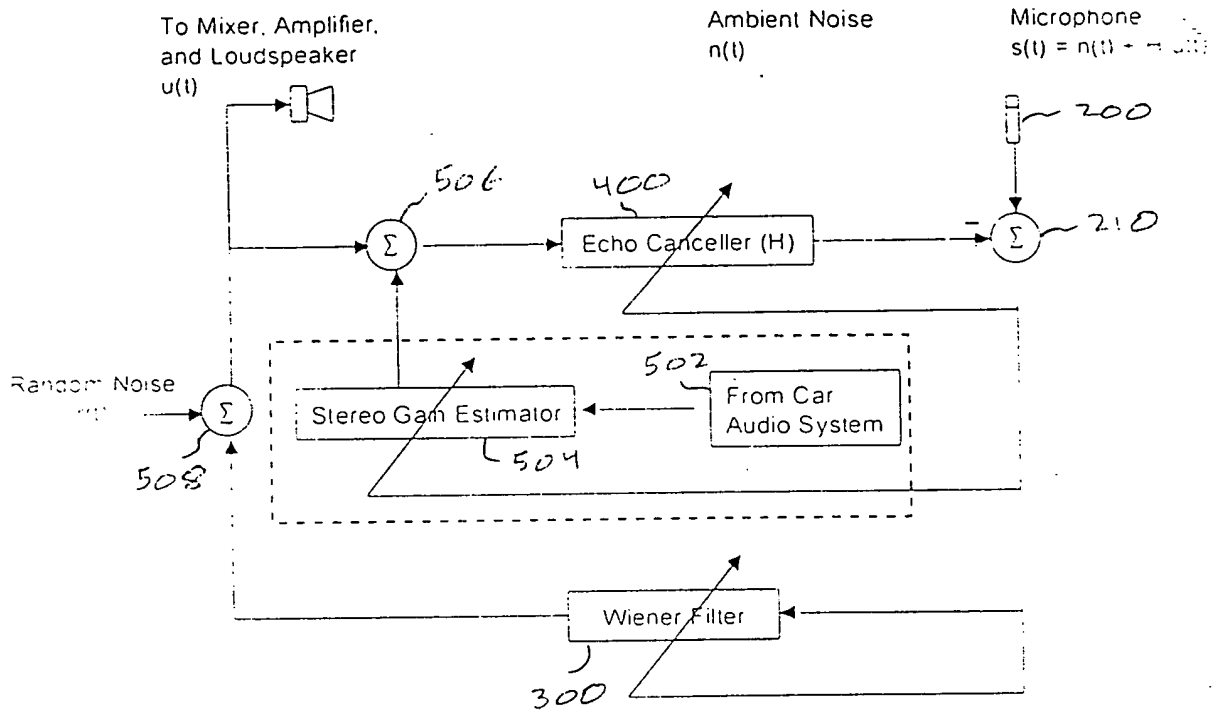


Fig. 12

```

m=20;delays=30;sig=.00;n=170;
y=filter(h,1,r)+sig*n;
htp1=ht(1:delays+m);
pn=eye(m);
L=length(ht);
ind=delays+m:m:n;
lind=length(ind);
kg=zeros(m,(lind-1)*m+1);

for j=1:lind
ind0(1:m,j)=[(j-1)*m+1:j*m]+delays;
end
htemp=ht(ind0);

for k=200:10000
ind1=k-ind0;
[htemp(:,1),k0,pn,an]=rls1(pn,y(k-1),r(ind1(:,1)),htemp(:,1),1);

for l=(lind-1)*m:-1:1
kg(:,l+1)=kg(:,l);
end

kg(:,1)=k0;

for j=2:lind
htemp(:,j)=htemp(:,j)+kg(:,(j-1)*m+1)*(an-htemp(:,j)*r(ind1(:,j)));
end

```

Fig. 13

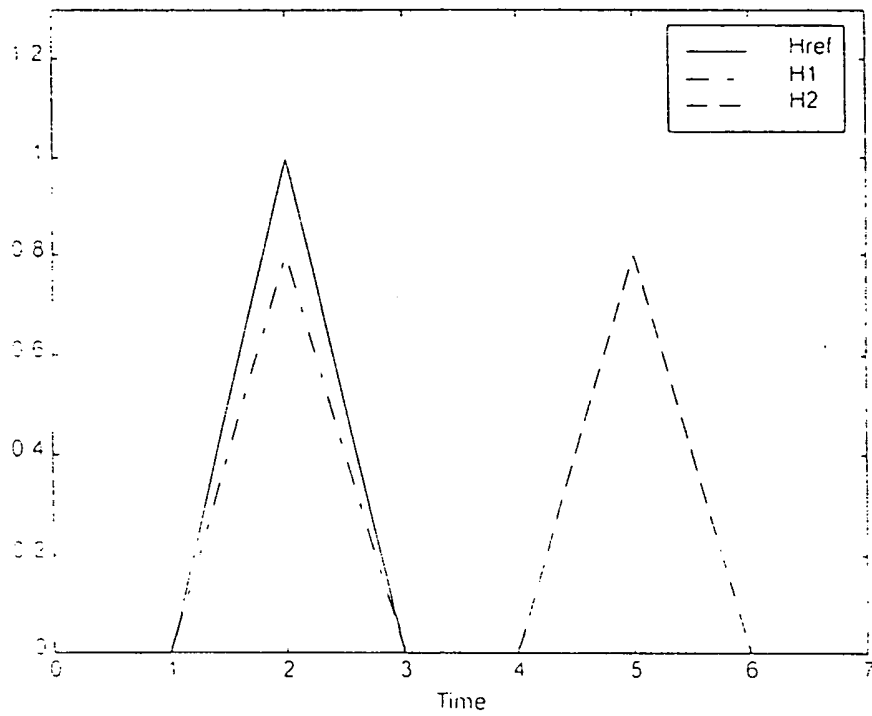


Fig. 14

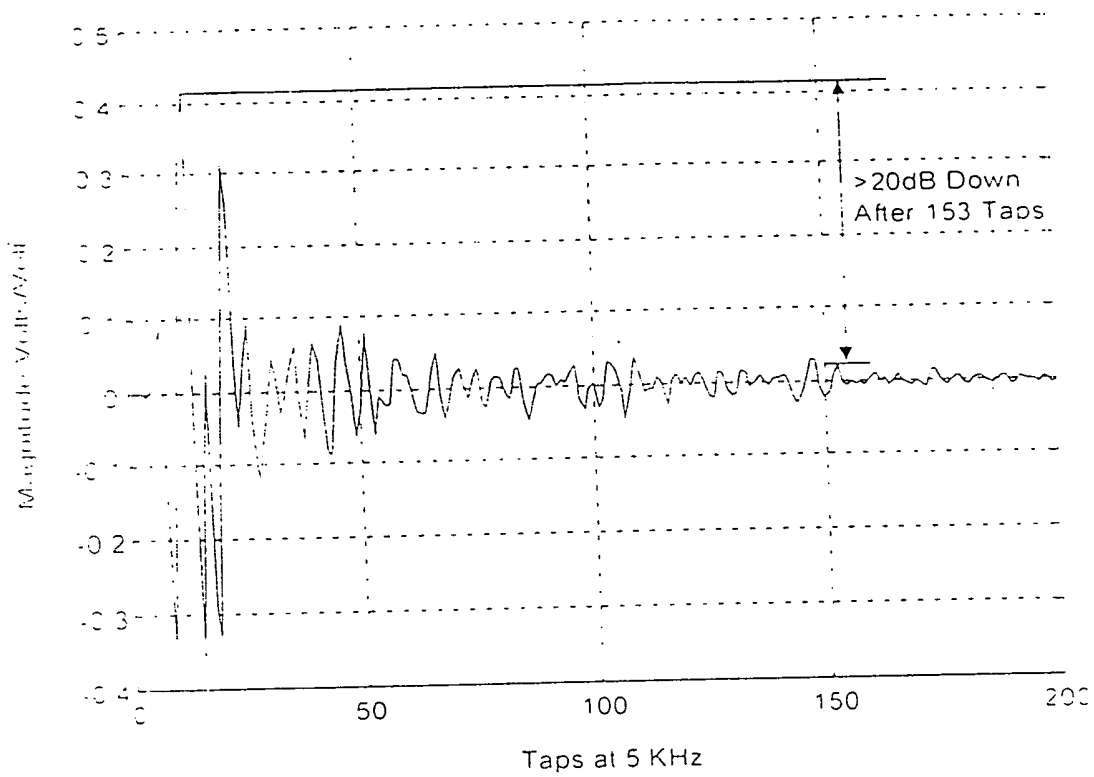


Fig. 15

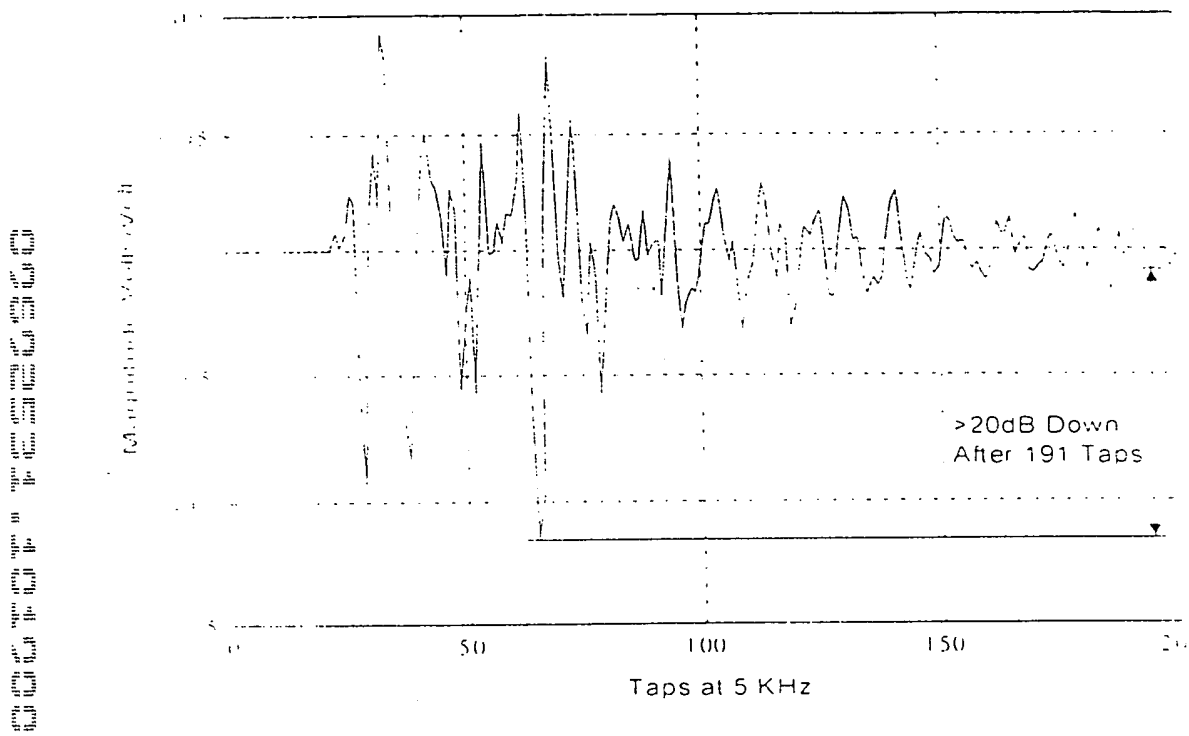


Fig. 16

600

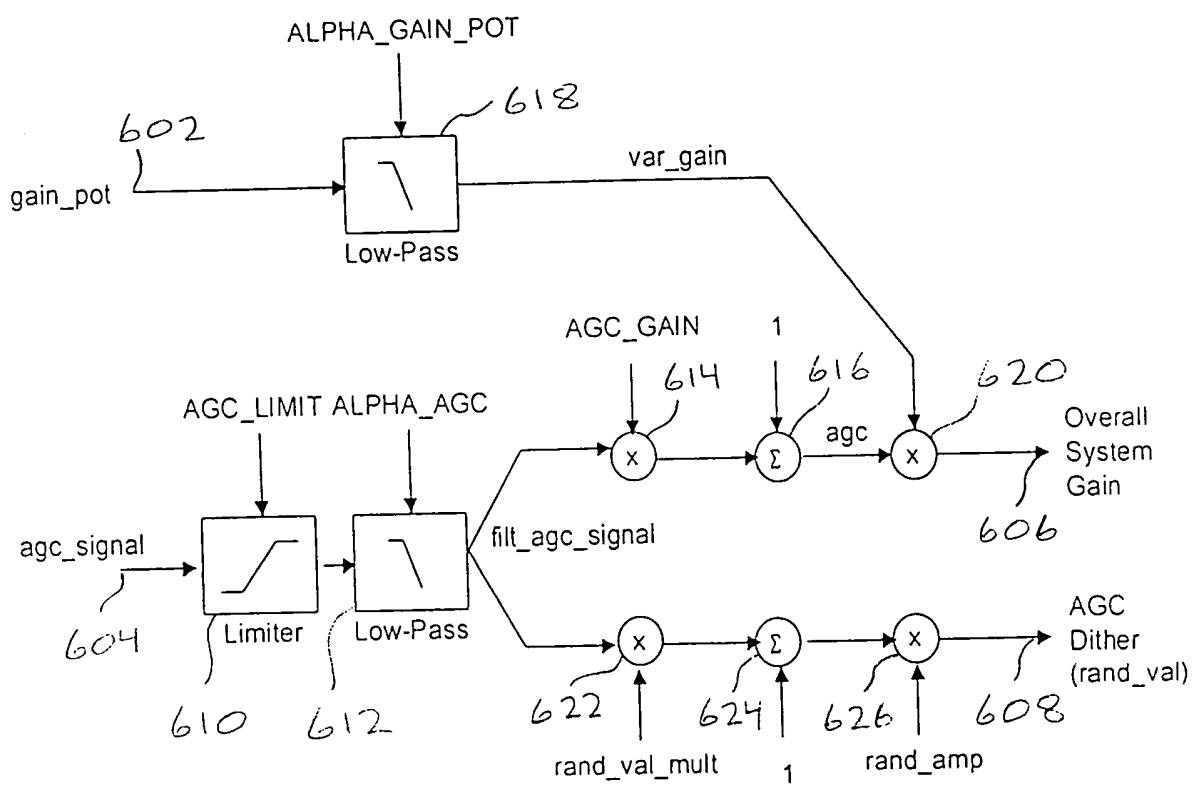


Fig. 17

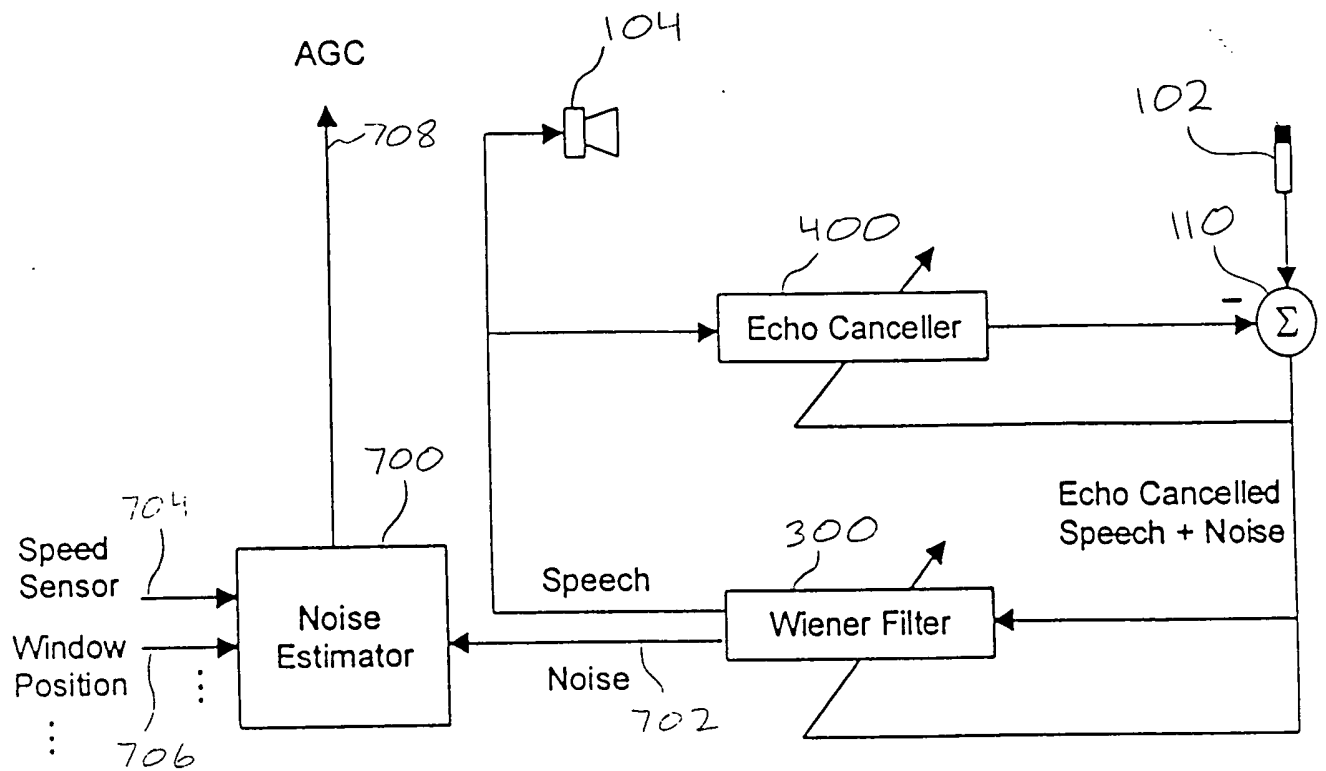


Fig. 18

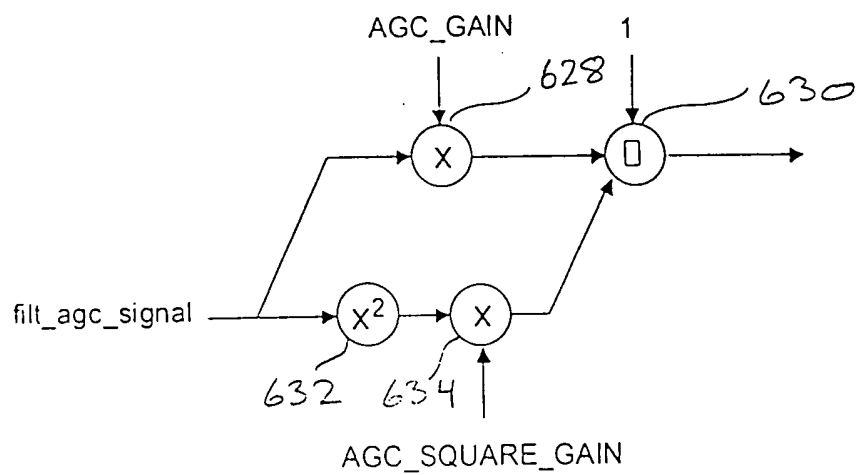


Fig. 19

Cabin
Noise
Estimate
From Known
Factors

Individual
Microphone
Noise
Estimates
from
Wiener SEF

Individual
Microphone
Average
Level
Compensation

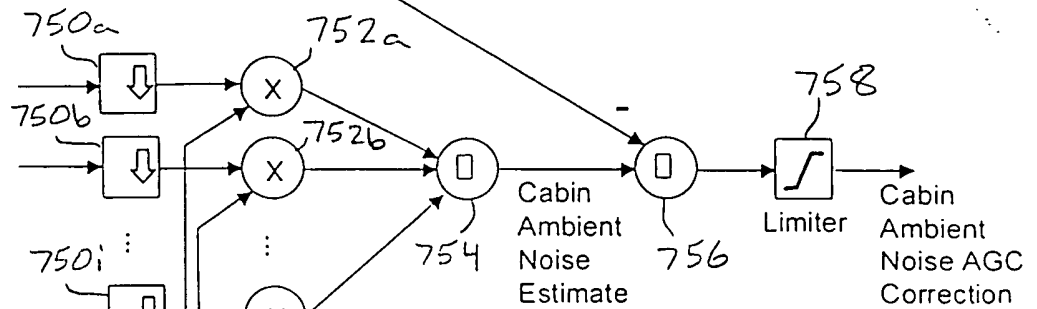


Fig. 20

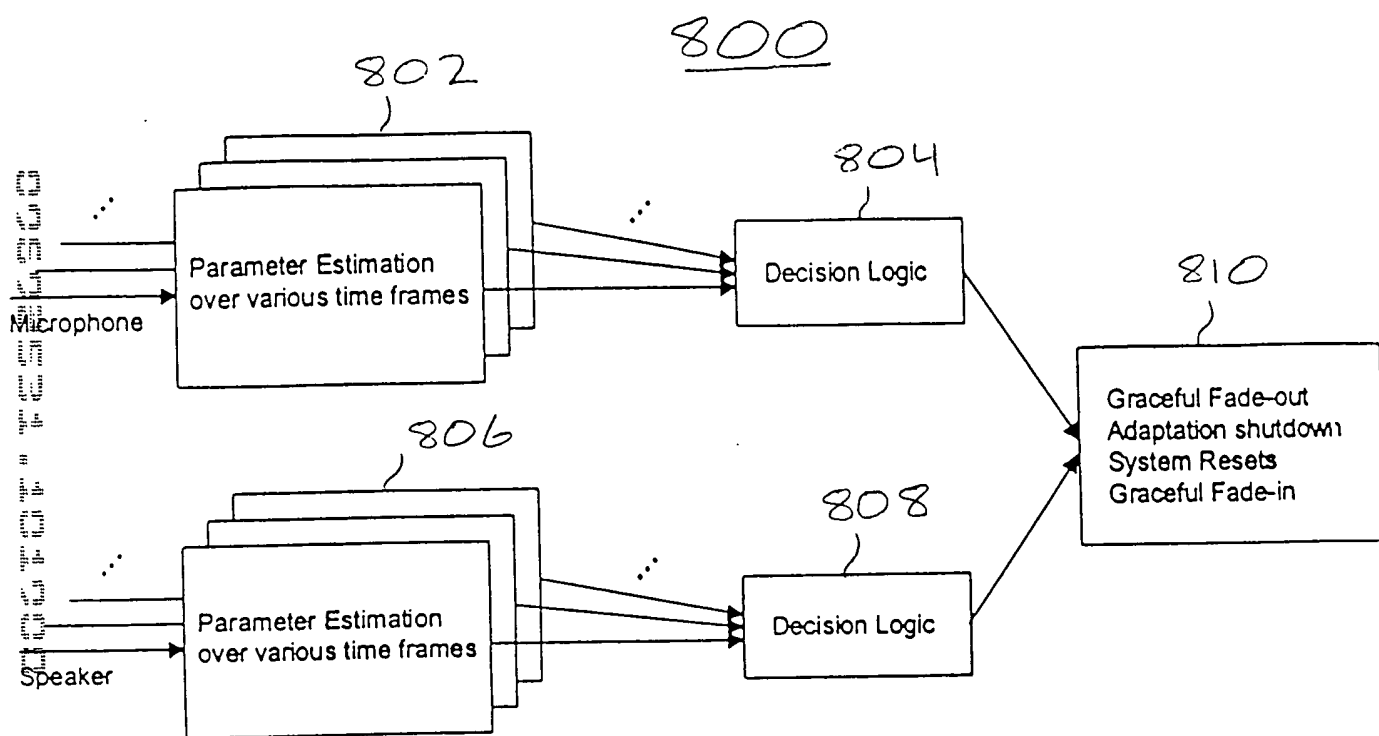


Fig. 21

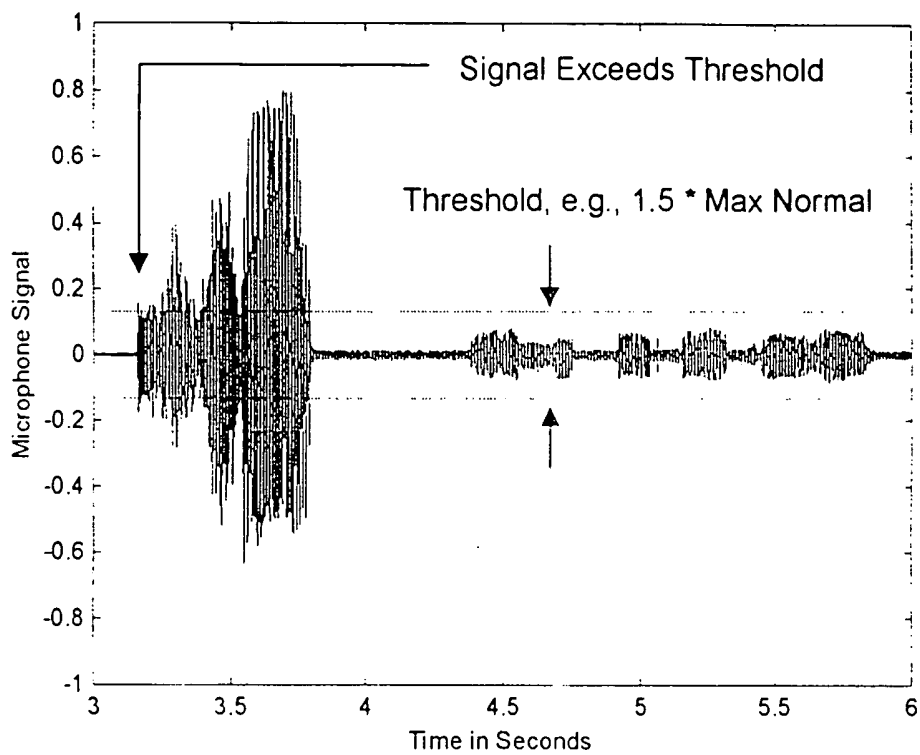


Fig. 22

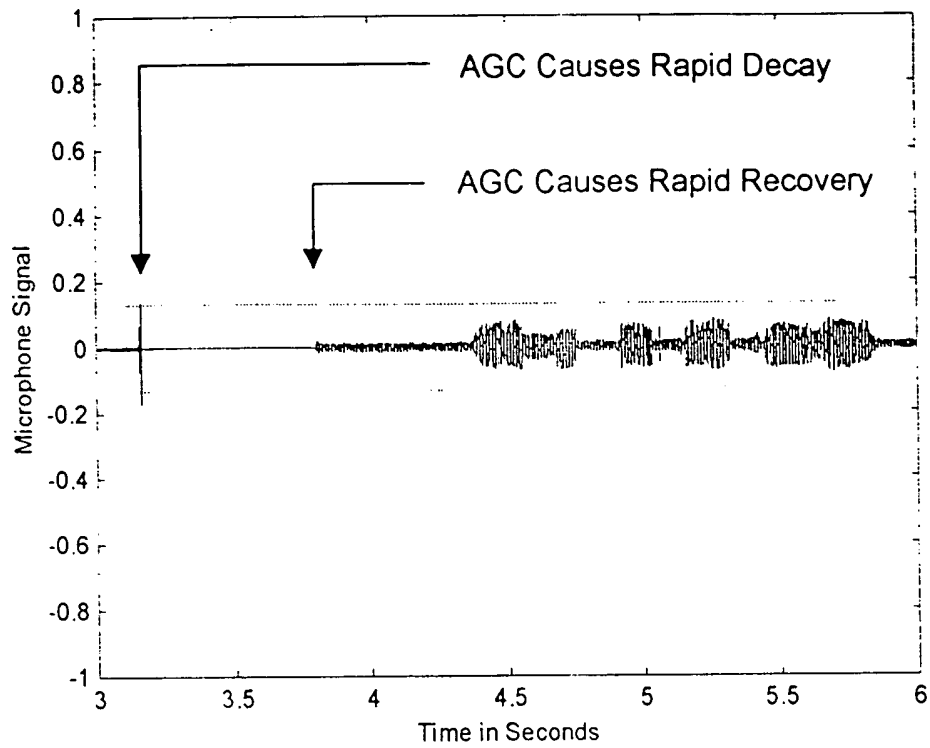


Fig. 23

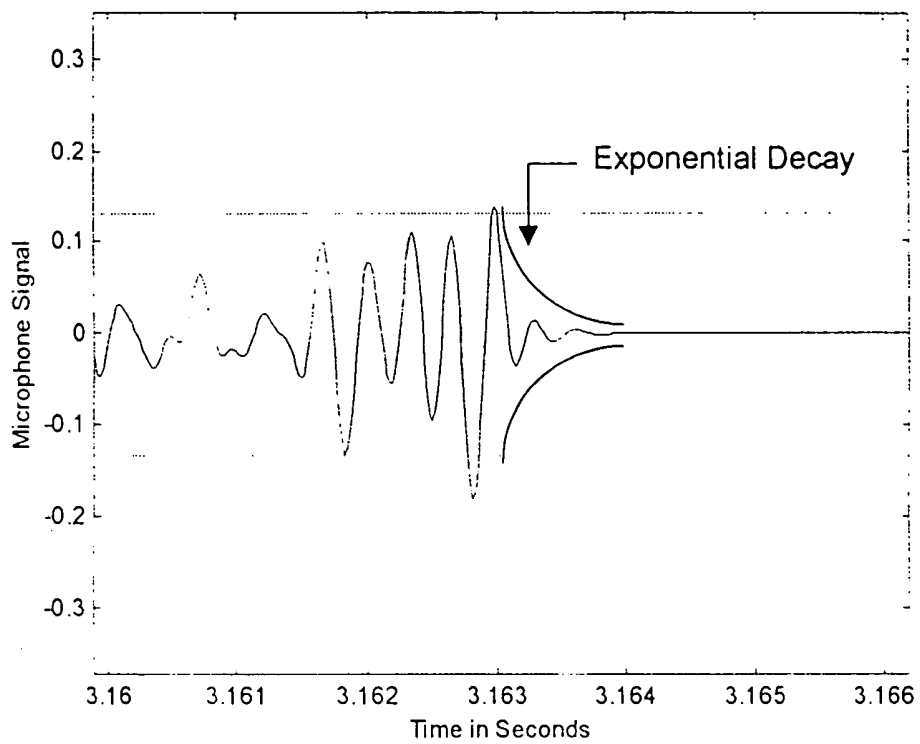


Fig. 24

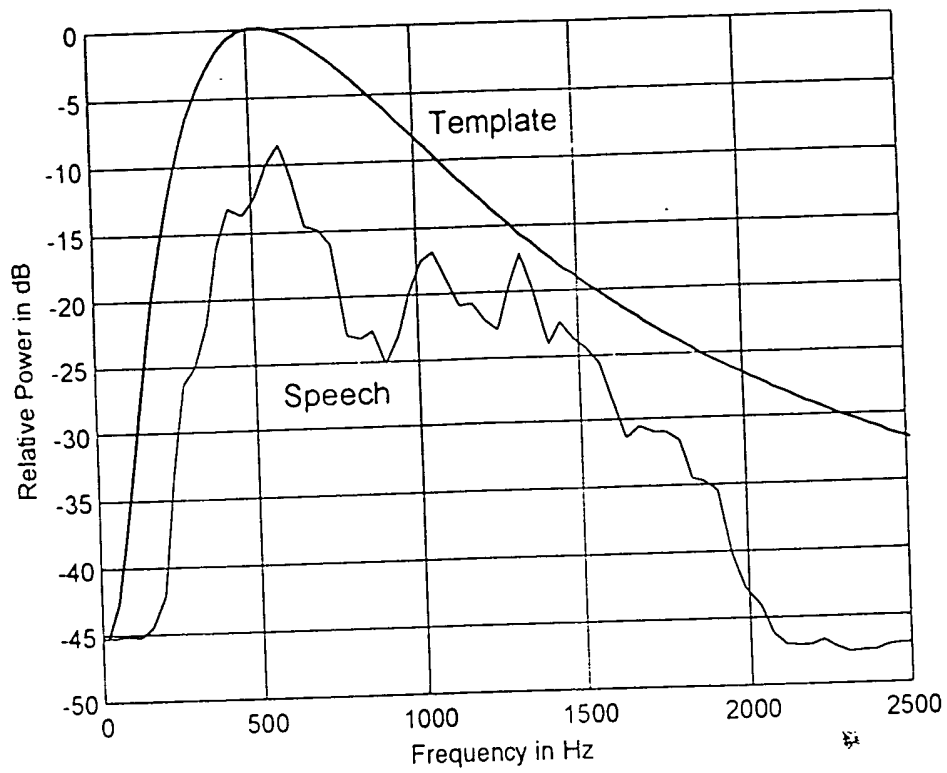


Fig. 25

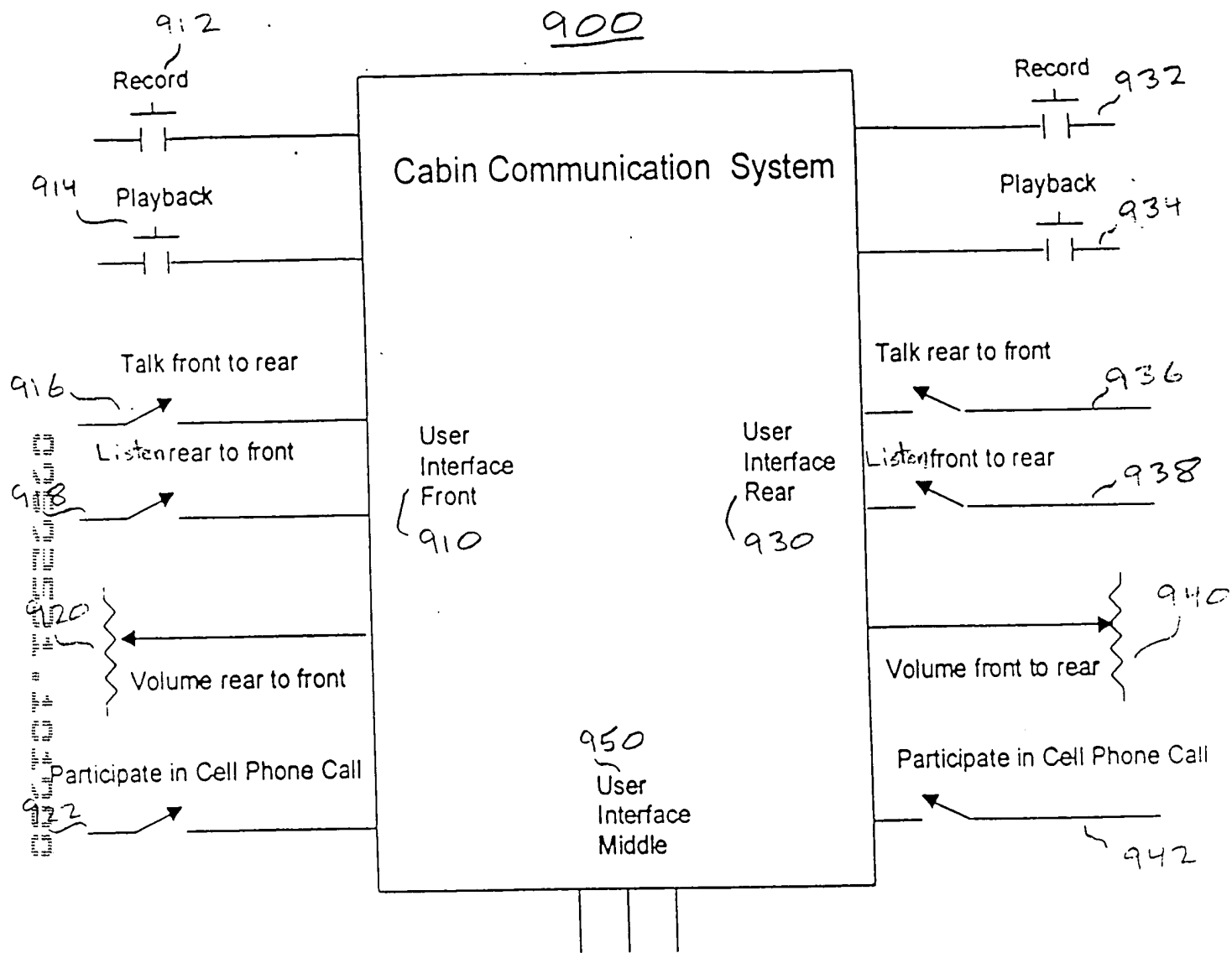


Fig. 26

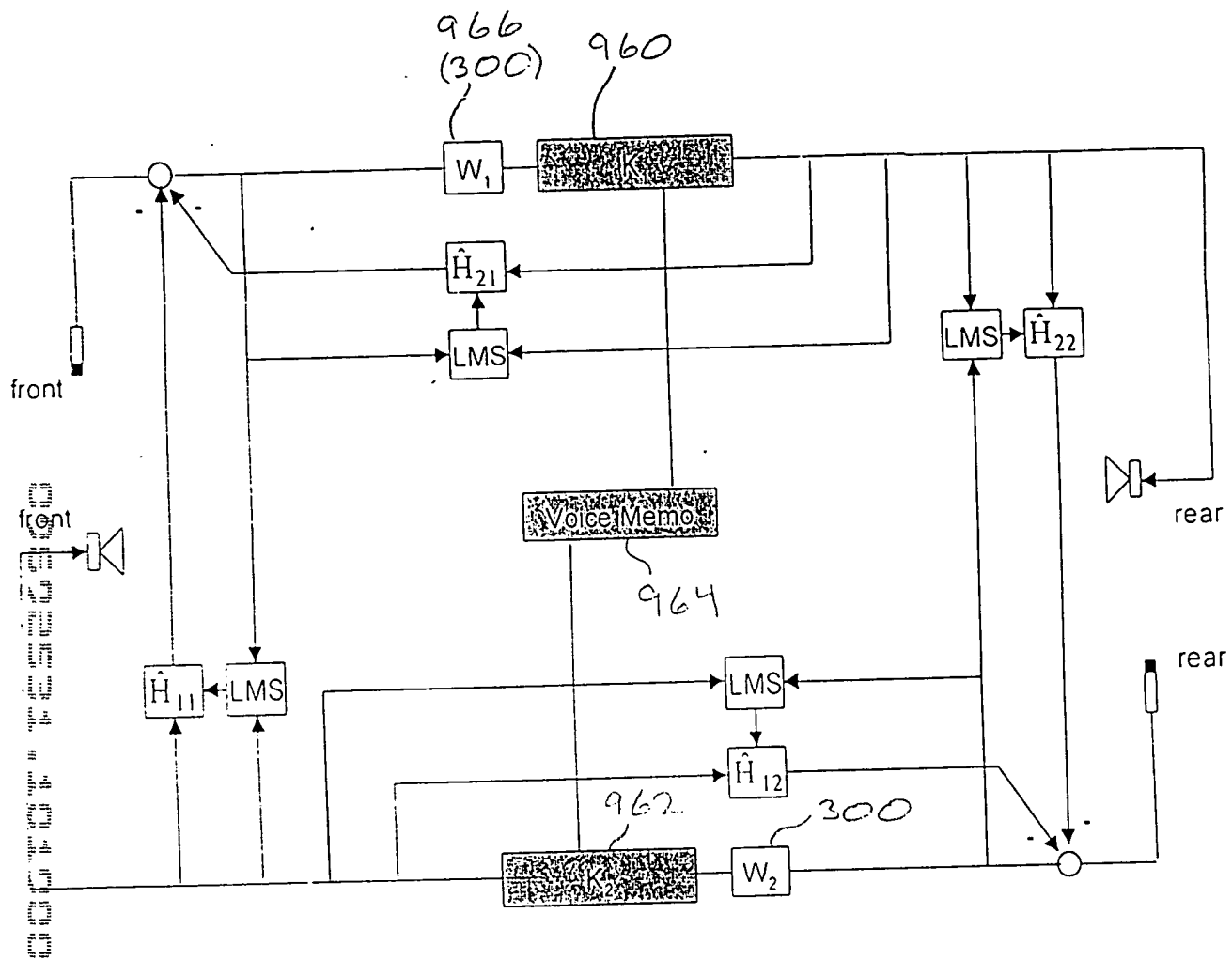


Fig. 27

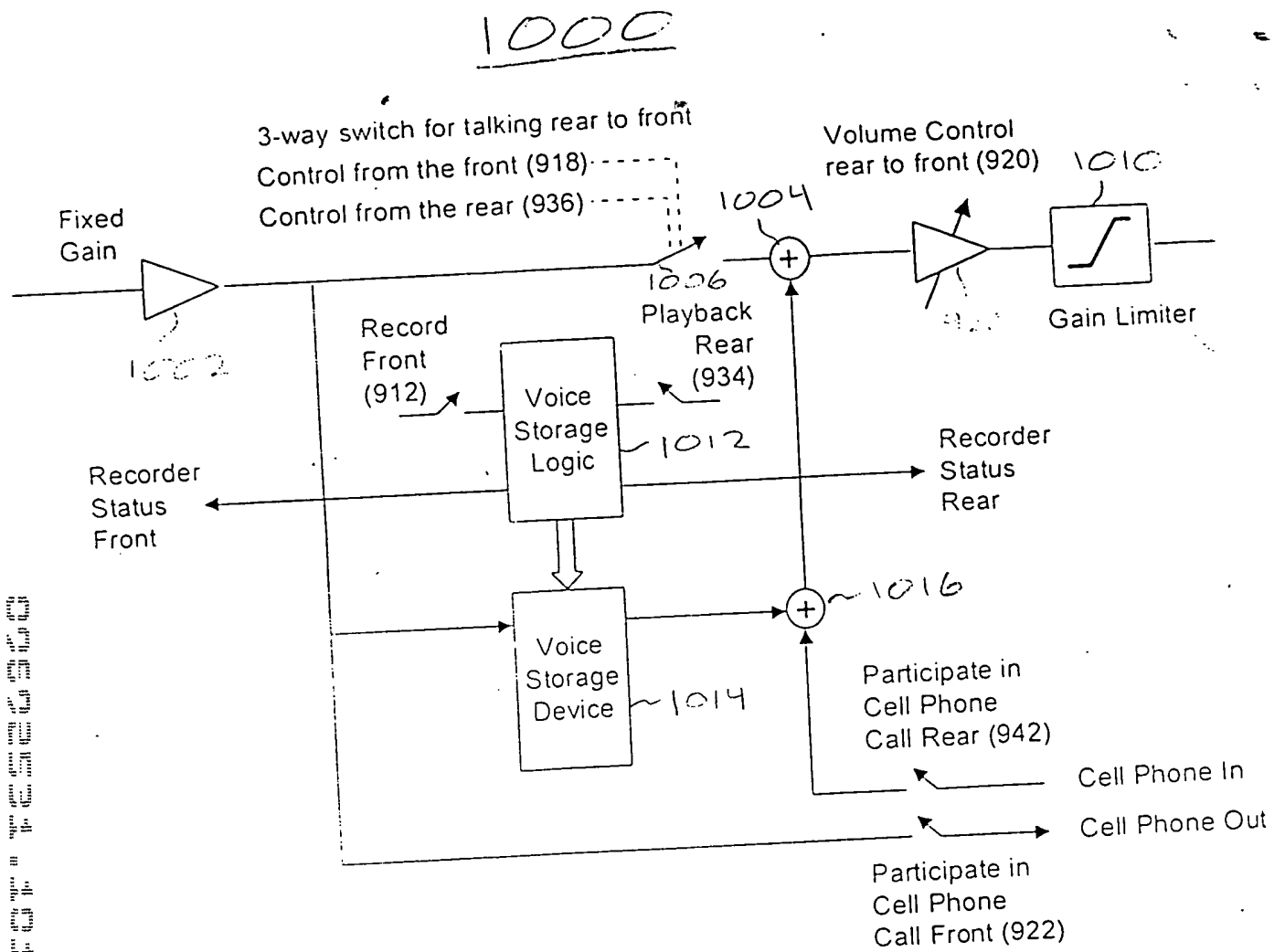


Fig. 28